

FIG 1

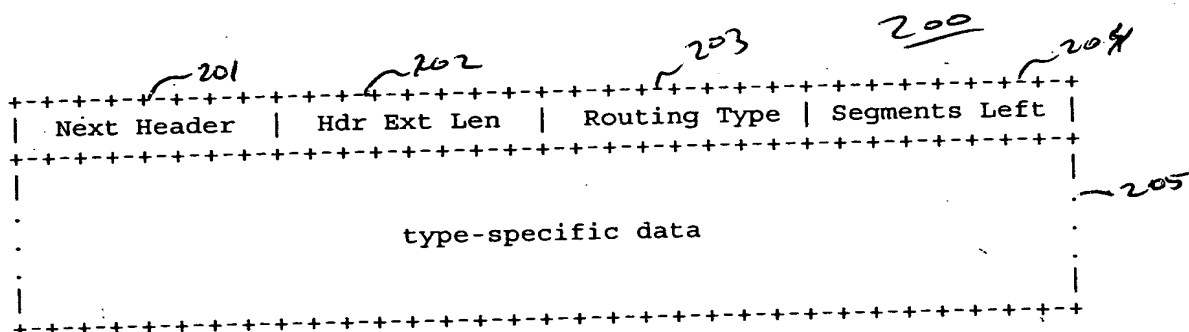


FIG 2

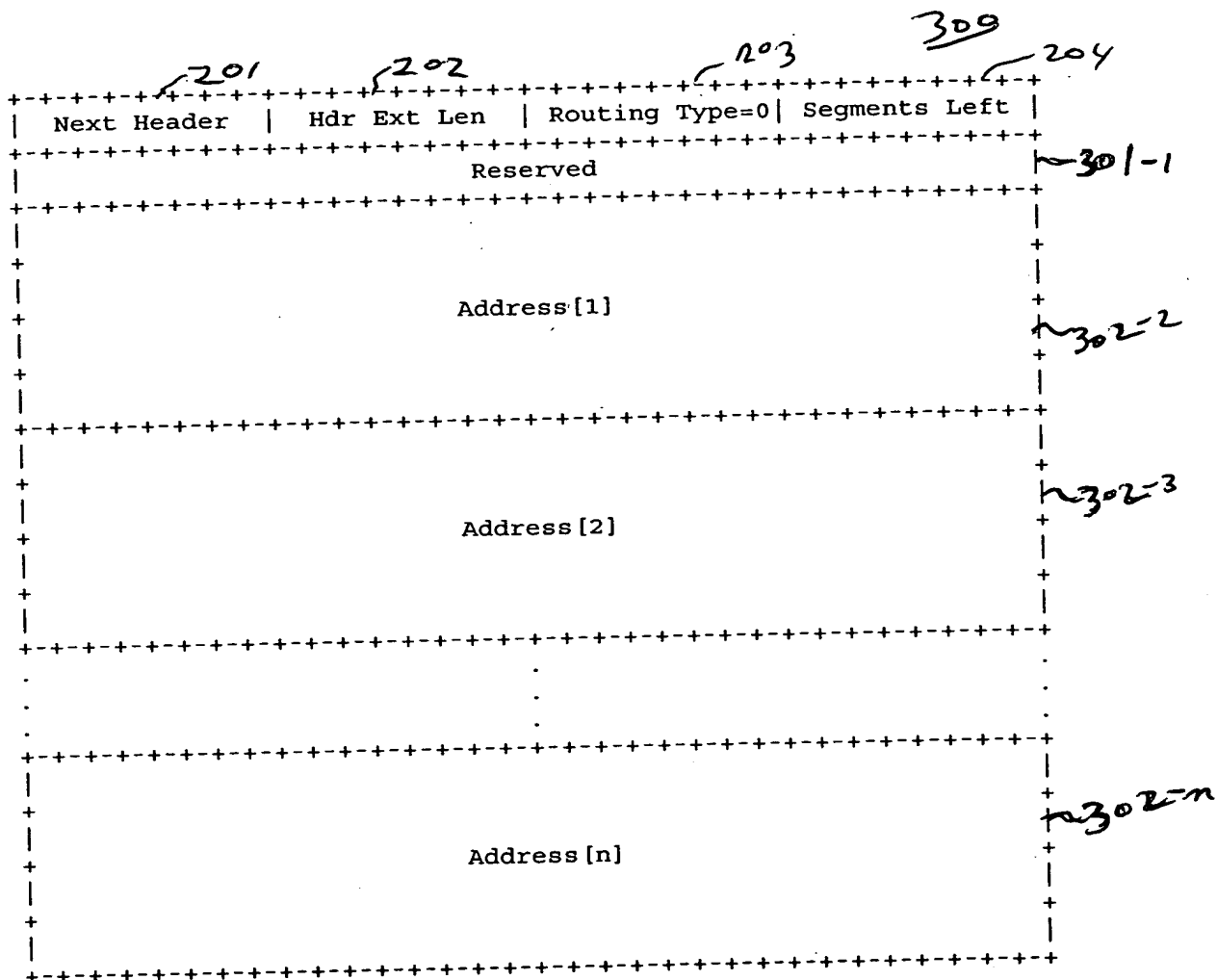
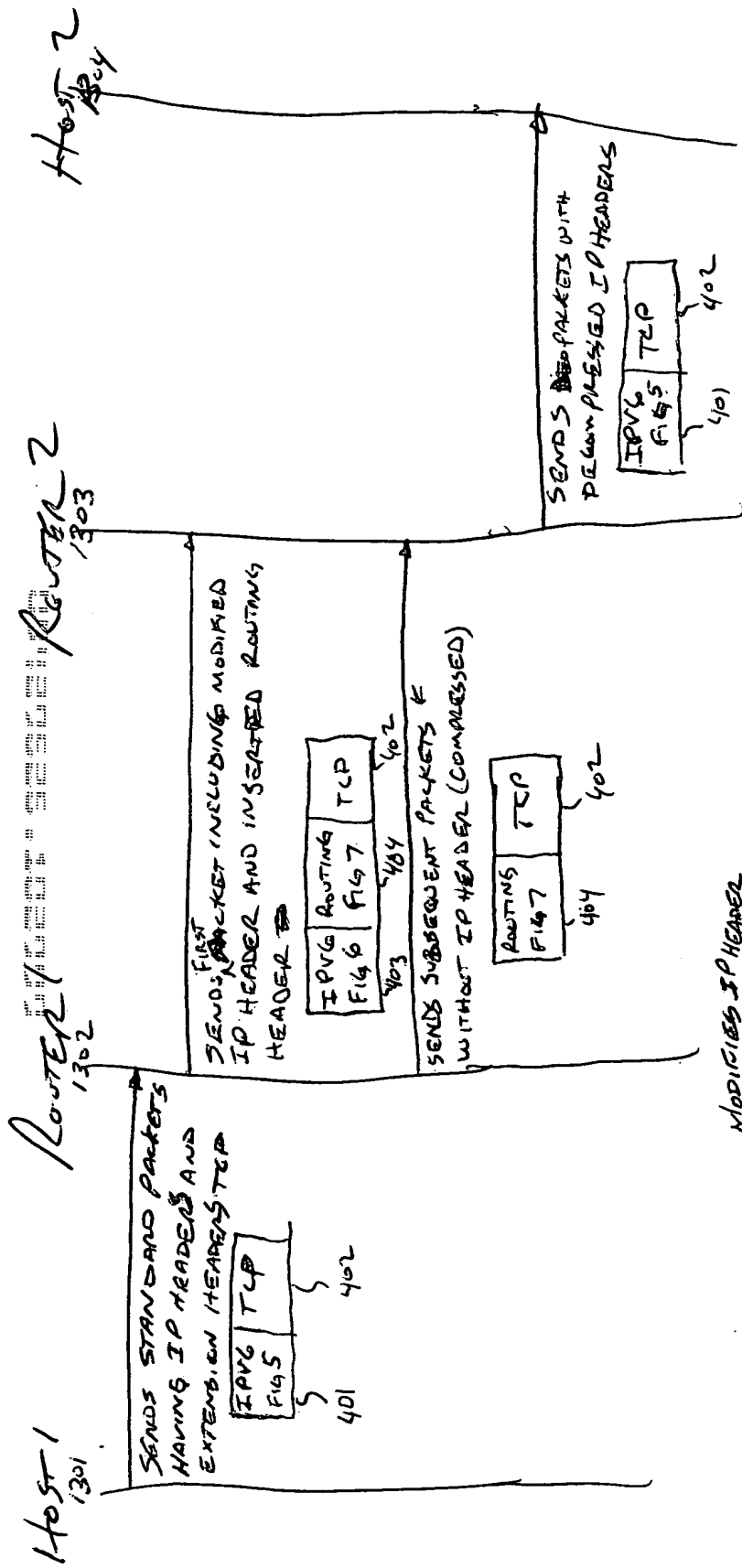


FIG 3



MODIFIES IP HEADER
AND INSERTS ROUTING
HEADER

- CREATE/REFRESH
CONTEXT WHEN DEST. ADDR
OF IP HEADER IS ITS OWN
ADDR. BY STORING IP HEADERS AS
CONTEXT
- DECOMPRESS IP HEADERS FOR
SUBSEQUENT PACKETS BY
REFERRING TO CONTEXT

FIG 4

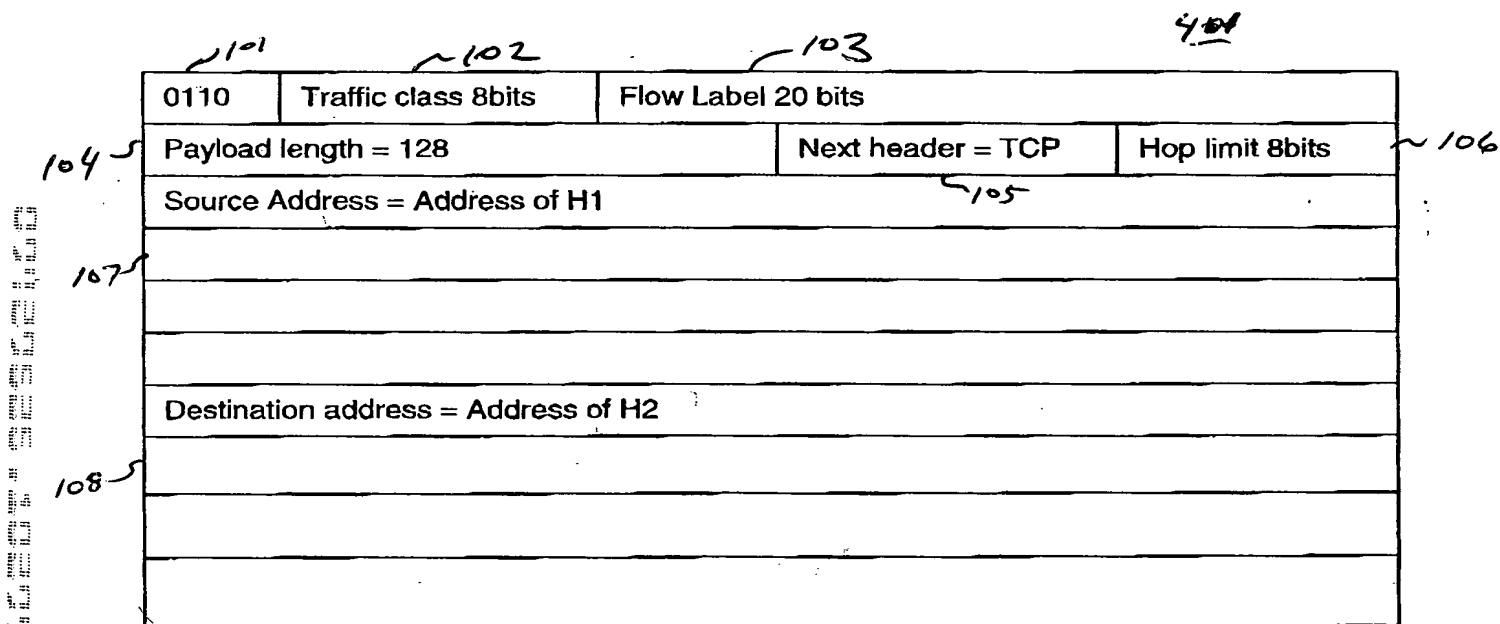


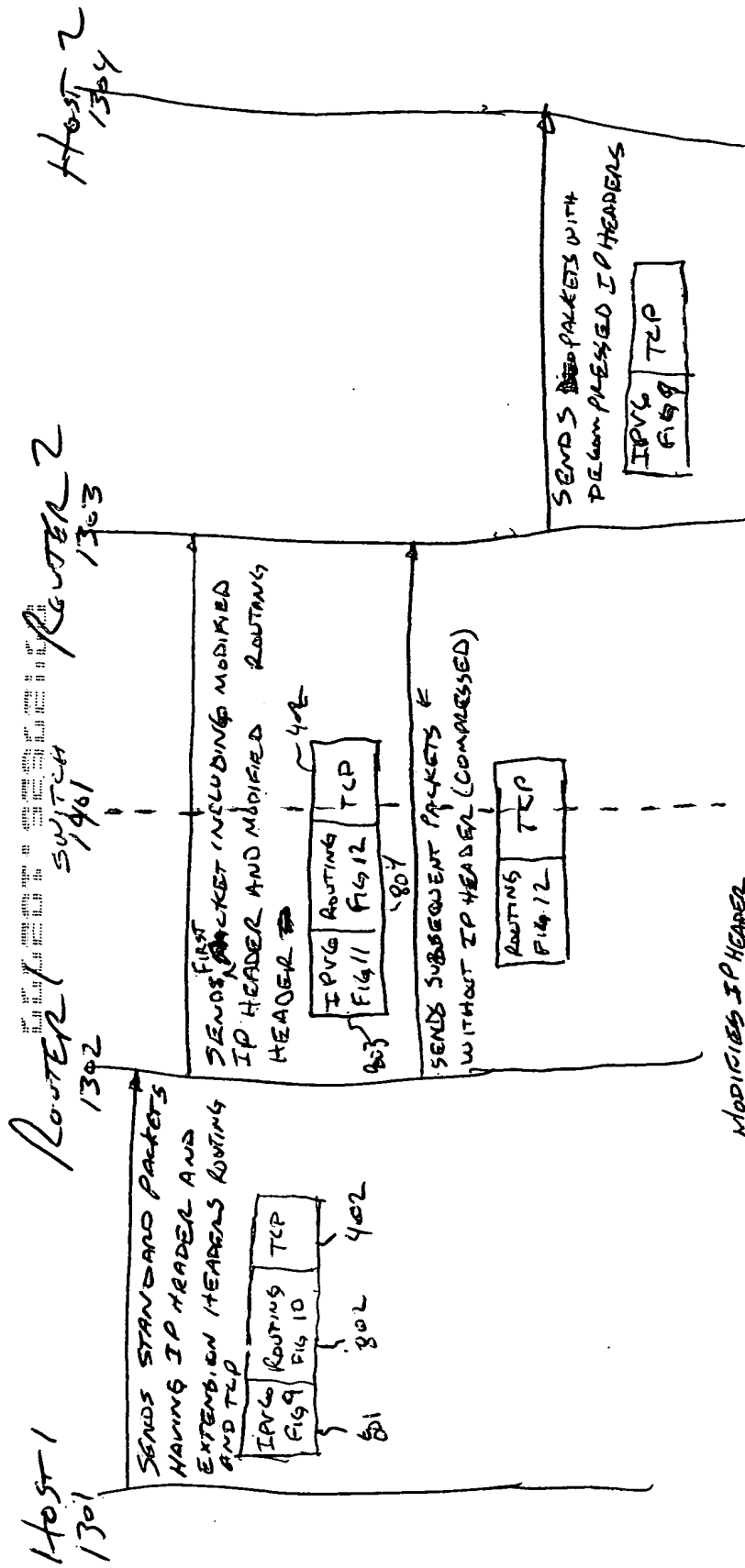
FIG 5

403					
101 0110		102 Traffic class 8bits		103 Flow Label 20 bits	
104 Payload length 128+24=152			Next hdr = Routing		Hop limit 8bits
Source Address = Address of H1			105		106
Destination address = Address of R2					

FIG 6

201	Next hdr TCP	202	Extension hdr length=2	203	Routing type=compr.	204 404	Segments left=1
701	CID=CID1	0	D	Generation	Old type=X		Data
	Address of H2		702				

FIG 7



MODIFIES IP HEADER
AND MODIFIES ROUTING
HEADER

- CREATE/REFRESH CONTEXT WHEN DEST. ADDR OF IP HEADER IS ITS OWN ADDR BY STORING IP HEADERS AS CONTEXT
- DECOMPRESS IP HEADERS OF SUBSEQUENT PACKETS BY REFERRING TO CONTEXT

Fig 8

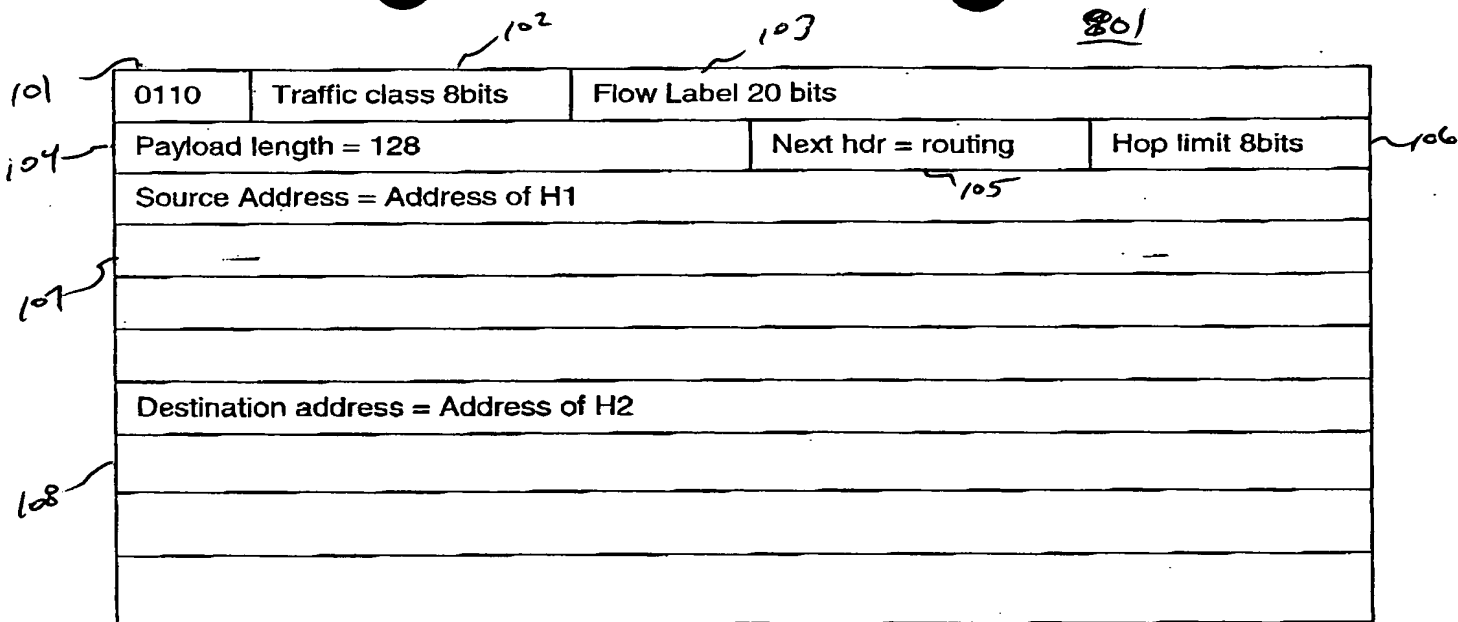


FIG 9

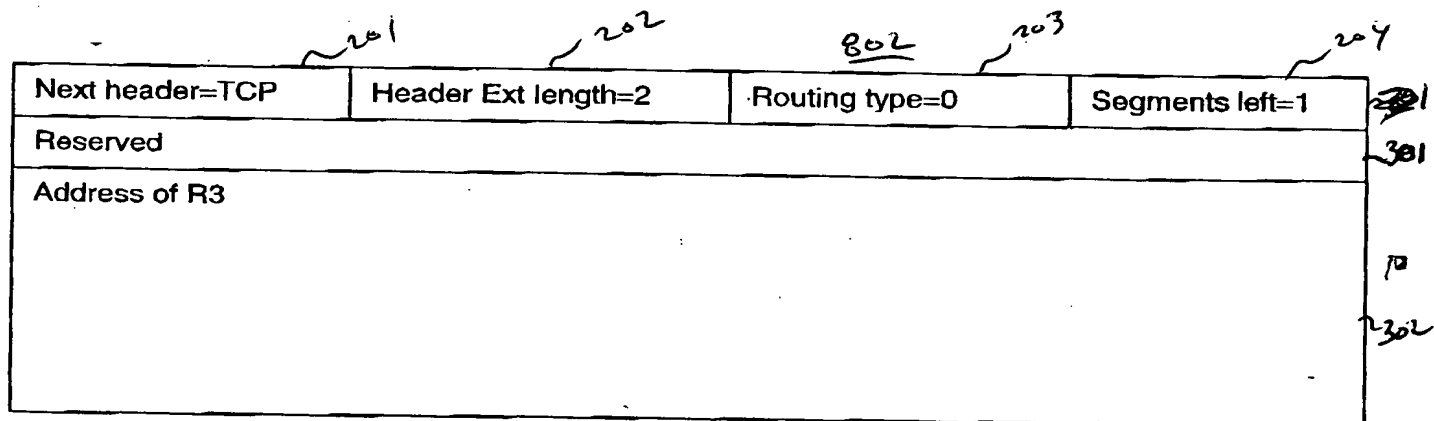


FIG 10

803

0110	Traffic class 8bits	Flow Label 20 bits	
Payload length 128+16=144		Next hdr = Routing	Hop limit 8bits
Source Address = Address of H1			
Destination address = Address of R2			

FIG 11

804

Next hdr TCP	Extension hdr length=4		Routing type=compr.	Segments left=2	
CID=CID2	0	D	Generation	Old type=0	Data
Address of H2					
Address of R3					

FIG 12

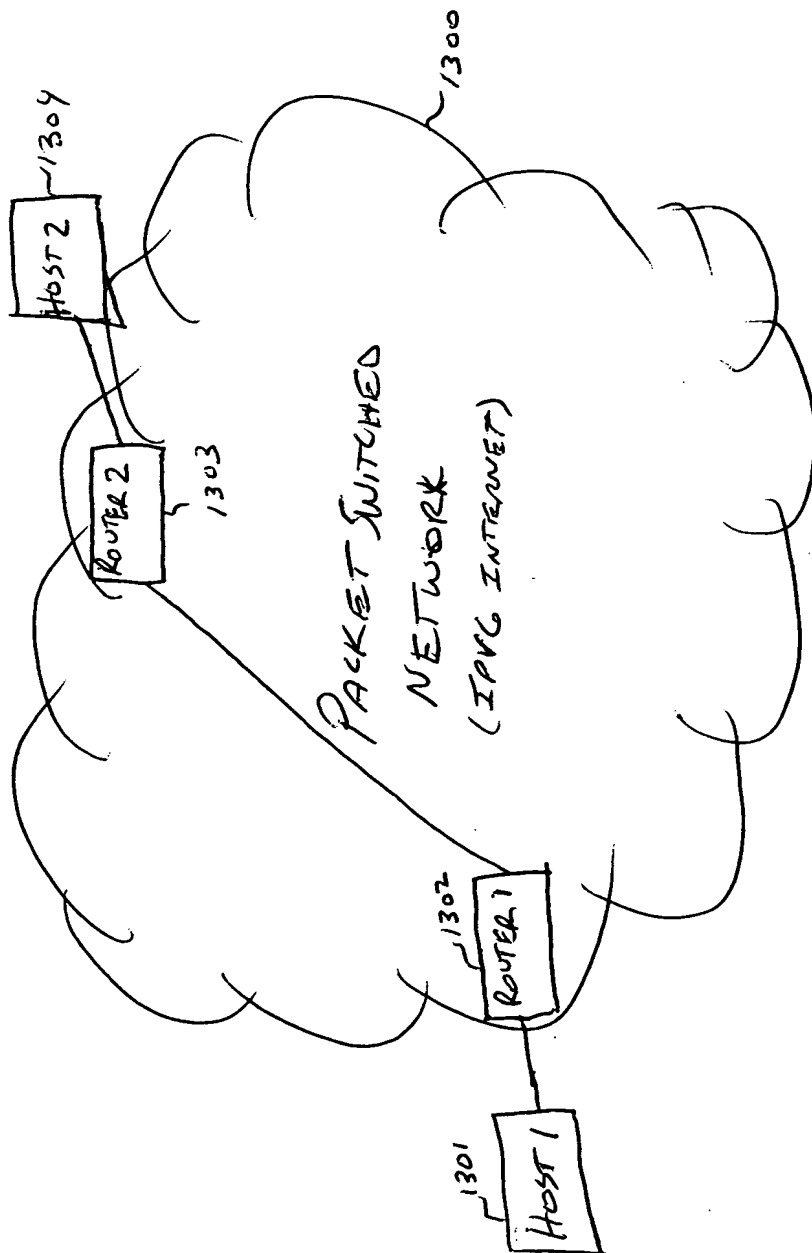


FIG 13

FIG. 14 is a schematic diagram of a packet switched network (IPV6 INTERNET) 1300.

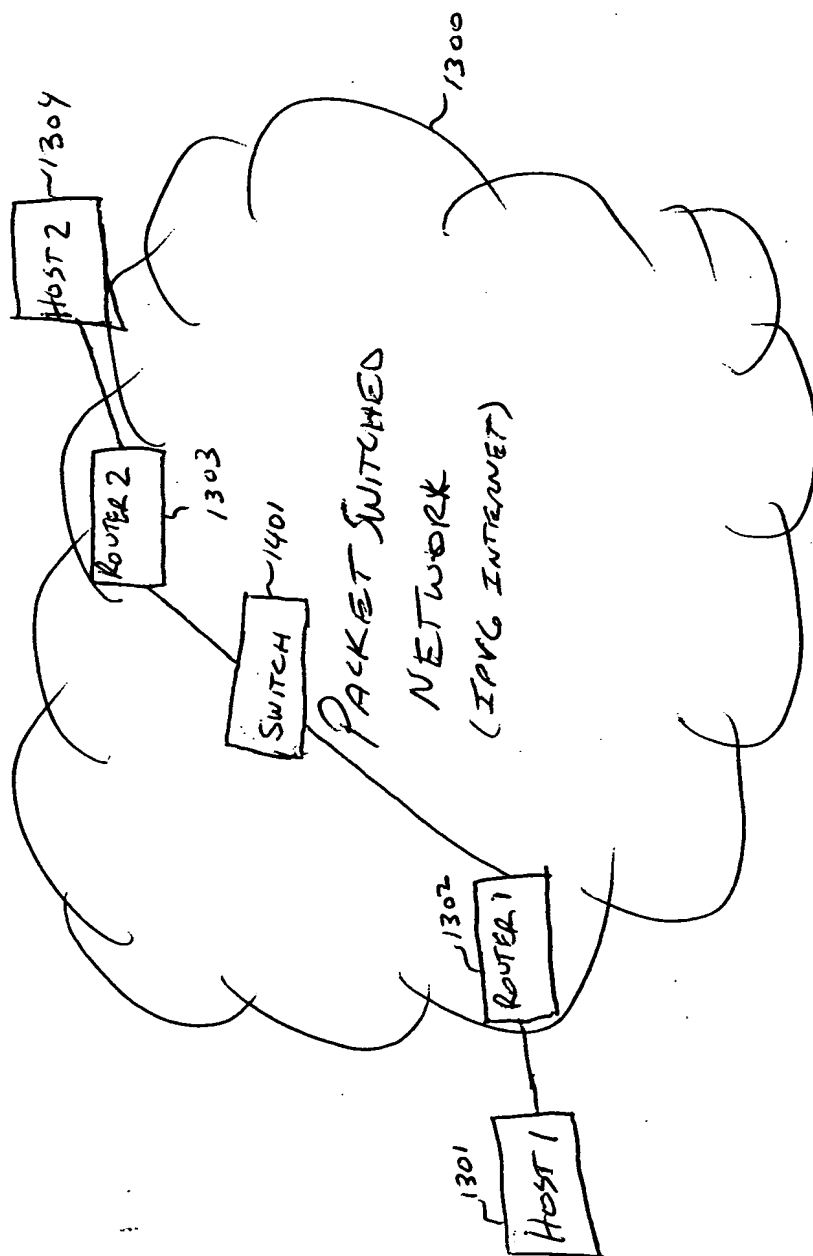


FIG 14